



# Town Council Agenda Report

**SUBJECT:** Ordinance - Vacation/Abandonment

**CONTACT PERSON/NUMBER**

Mark Kutney, AICP (797-1101)

**TITLE OF AGENDA ITEM:**

AN ORDINANCE OF THE TOWN OF DAVIE, FLORIDA, VACATING A PORTION OF ROAD RIGHT-OF-WAY FOR SW 46 AVENUE ADJACENT TO THE "IDF", "WEST DIXIE FARMS", JOHN C. SESSA", AND THE "NEWMAN'S SURVEY" PLATS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

(VA 2-1-00, SW 46 Avenue Road Right-of-Way Vacation)

**REPORT IN BRIEF:**

This ordinance vacates SW 46 Avenue from Oakes Road approximately .37 mile (1930 feet) to the U-Pull-It project (previously known as Boat-O-Rama).

**PREVIOUS ACTIONS:**

Town Council approved application VA 2-1-00 on its merits (Motion carried 5-0, June 7, 2000)

**CONCURRENCES:** Engineering Division recommends approval.

Planning and Zoning Board recommended approval (Motion carried 5 - 0, May 24, 2000).

**RECOMMENDATION(S):** Motion to approve.

**Attachment(s):** Ordinance, Planning Report, Justification Letter, Sketch and Description, Plat, Land Use map, Subject Site map, and Aerial.

**Prepared By:**  
Geri A. Baluss  
Town of Davie  
6591 Orange Drive  
Davie, FL 33314

**Return To:**  
Town Clerk's Office  
Town of Davie  
6591 Orange Drive  
Davie, FL 33314

ORDINANCE \_\_\_\_\_

AN ORDINANCE OF THE TOWN OF DAVIE, FLORIDA, VACATING A PORTION OF ROAD RIGHT-OF-WAY FOR SW 46 AVENUE ADJACENT TO THE "IDF", "WEST DIXIE FARMS", JOHN C. SESSA", AND THE "NEWMAN'S SURVEY" PLATS; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, a portion of the SW 46 Avenue right-of-way located adjacent to the "IDF", "West Dixie Farms", "John C. Sessa", and the "Newman's Survey" Plats, specifically described on Exhibit "A" attached hereto, was accepted as a public right-of-way; and

WHEREAS, it is the desire of the Town Council to vacate and abandon said right-of-way; and

WHEREAS, at a meeting of the Town Council on the 5th day of July, 2000, the Town Council did agree to such vacation after conducting a public hearing, advertised as prescribed by law.

NOW, THEREFORE, BE IT ORDAINED BY THE TOWN COUNCIL OF THE TOWN OF DAVIE, FLORIDA.

SECTION 1. That a portion of the SW 46 Avenue right-of-way located adjacent to the "IDF", "West Dixie Farms", "John C. Sessa", and the "Newman's Survey" Plats, specifically described on Exhibit "A" attached hereto, is hereby vacated by the Town of Davie.

SECTION 2. Easements located within the property described on Exhibit "A" are not vacated and shall be maintained in perpetuity.

SECTION 3. If any section, subsection, sentence, clause, phrase, or portion of this Ordinance is, for any reason, held invalid or unconstitutional by any Court of competent jurisdiction, such portion shall be deemed a separate, distinct, and independent provision

and such holding shall not affect the validity of the remaining portions of this Ordinance.

SECTION 4. This ordinance shall take effect immediately upon its passage and adoption.

PASSED ON FIRST READING THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2000.

PASSED ON SECOND READING THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2000.

\_\_\_\_\_  
MAYOR/COUNCILMEMBER

ATTEST:

\_\_\_\_\_  
TOWN CLERK

APPROVED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2000.

**Application #:** VA 2-1-00

**Revisions:**

**Exhibit "A"**

**Original Report Date:** May 17, 2000

**TOWN OF DAVIE  
Development Services Department  
Planning & Zoning Division Staff  
Report and Recommendation**

**APPLICANT INFORMATION**

**Agent**

**Name:** Larry Danielle

**Address:** 4000 SW 47 Avenue

**City:** Davie, FL 33314

**Phone:** (954) 587-6822

**BACKGROUND INFORMATION**

**Application Request:** To vacate a portion of right-of-way known as SW 46 Avenue adjacent to the subdivisions platted as "IDF" as recorded in Plat Book 87, Page 15, the subdivision platted as "John C. Sessa" as recorded in Plat Book 120, Page 2, the subdivision platted as "Newman's Survey" as recorded in Plat Book 2, Page 26 of the Dade County Records, and the subdivision platted as "West Dixie Farms" as recorded in Plat Book 24, Page 36 of the Dade County Records.

**Address/Location:** 4000 SW 47 Avenue

**Land Use Designation:** Industrial

**Existing Zoning:** M-3 County (Intense Manufacturing and Industrial District), M-1 County (Limited Manufacturing and Industrial District), M-2 Hacienda Village (Medium Industrial District), and A-1 County (Agricultural Estate District)

**Existing Use:** Vacant

**Proposed Use:** Road right-of-way will revert to adjacent property owners.

**Parcel Size:** .715 acre (31,167 square feet)

**Surrounding Land Use:**

**North:** Oakes Road

**South:** U.S. Highway 1

**East:** McKenzie Tank Lines, Alder Flexspace Development, Manchac's Paving and Storage, and FPL Easement

**West:** Danielle Salvage Yard

**Surrounding Zoning:**

**North:** M-3 Hacienda Village (General Industrial District)

**South:** M-4 Hacienda Village (Limited Heavy Industrial District)

**East:** M-3 County (Intense Manufacturing and Industrial District), M-1 County (Limited Manufacturing and Industrial District), M-2 Hacienda Village (Medium Industrial District), and A-1 County (Agricultural Estate District)

**West:** M-3 Hacienda Village (General Industrial District) and M-4 Hacienda Village and County (Limited Heavy Industrial District)

## **ZONING HISTORY**

**Related Zoning History:** None

**Previous Request on same property:** None

## **Summary of Significant Development Review Agency Comments**

The Engineering Department recommended approval of the subject request. Staff received letters of no objection from all utilities except FPL and Southern Bell, which will record easements pending the right-of-way vacation by the Town.

## **Application Codes and Ordinances**

Land Development Code Section 12-310(B)(1) requires that Town Council must review and approve vacations and abandonments by Ordinance.

## **Comprehensive Plan Considerations**

**Planning Area:** This request is in Planning Area 6 which includes the lands located east of the Florida Turnpike and west of State Road 7, south of State Road 84 together with lands located north of the south Town limits. There are small commercial parcels along State Road 7 corridor. The majority of this planning area is industrially zoned and land used plan designated

**Flexibility Zone:** The proposed plat is in Flexibility Zone 58.

**Concurrency Considerations:** None

**Applicable Goals, Objectives & Policies:** None

### **Staff Analysis**

The applicant is requesting approval to vacate the remaining portion of the SW 46 Avenue road right-of-way south of Oakes Road. This right-of-way is not needed to provide access to adjoining properties, as they obtain access from State Road 7 to the east or SW 47 Avenue to the west. Road right-of-way will revert to adjacent property owners and will provide additional open space and/or paved areas. Staff has received the approval and authorization from all adjacent property owners to process this request.

The applicant and the adjacent property owners have found it difficult to maintain this right-of-way as this area has become a dumping ground for debris. Vacating this right-of-way eliminates any unwanted traffic and dumping of debris.

### **Findings of Fact**

Section 12-310(A)(1)(a)&(b) requires that review of vacation of right-of-way requests be based upon whether or not the request adversely affects access to neighboring properties and whether it will be in conflict with the public interest. Based upon this code requirement, staff finds that this request does not adversely affect adjoining properties as access is provided from either State Road 7 or SW 47 Avenue, and will not be contrary to the public interest.

### **Staff Recommendation**

**Recommendation:** Based upon the above and the findings of fact in the positive, staff recommends approval of application number VA 2-1-00.

### **Planning and Zoning Board Recommendation**

The Planning and Zoning Board motion to recommend approval (5-0) May 24, 2000 meeting.

### **Exhibits**

Ordinance (To be provided after Merits hearing), Planning Report, Justification Letter, Sketch and Description, Plats, Land Use Map, Subject Site Map, and Aerial.

Prepared By: \_\_\_\_\_

Reviewed By: \_\_\_\_\_



### NARRATIVE

The application is to Vacate that portion of SW 46<sup>th</sup> Street from Oaks Road south approximately 1,930 feet lying in the Town of Davie. This right-of-way is currently unimproved and virtually unused. However, the adjacent property owners have been doing some maintenance and it has become difficult to keep trespassers out of the area since it is currently a public right-of-way. All adjacent property owners have alternate legal and physical access. Written consent of the adjacent property owners to the vacation has been provided.

**Design/Build • General Contracting • Construction** **Consulting Engineers • Planners • Surveyors**

5400 SOUTH UNIVERSITY DRIVE, SUITE 101 • DAVIE, FLORIDA 33328 • OFFICE 954-680-6513 • FAX 954-620-0322

# **LAND DESCRIPTION:**

ALL OF THAT LAND BEING A 30 FOOT WIDE STRIP AS DESCRIBED IN THAT CERTAIN WARRANTY DEED AS RECORDED IN OFFICIAL RECORDS BOOK 8674, PAGE 265, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA

TOGETHER WITH

A 25.00 FOOT WIDE STRIP OF LAND FOR ROAD RIGHT-OF-WAY AS SHOWN ON PLAT OF "WEST DIXIE FARMS", AS RECORDED IN PLAT BOOK 24, AT PAGE 36 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS THE WEST 25.00 FEET OF TRACT 13 LESS THE SOUTH 600.00 FEET THEREOF OF "JOHN M. NEWMAN'S SURVEY" OF SECTION 24, TOWNSHIP 50 SOUTH, RANGE 41 EAST, AS RECORDED IN PLAT BOOK 2, AT PAGE 26, OF THE PUBLIC RECORDS OF DADE COUNTY, FLORIDA

TOGETHER WITH

ALL OF THAT LAND BEING A 25 FOOT WIDE STRIP AS DESCRIBED IN THAT CERTAIN WARRANTY DEED AS RECORDED IN OFFICIAL RECORDS BOOK 608, AT PAGE 237, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA

TOGETHER WITH

A STRIP OF LAND LYING BETWEEN THE EAST LINE OF SAID 25 FOOT WIDE STRIP OF LAND PER OFFICIAL RECORDS BOOK 608, AT PAGE 237, AND THE WEST LINE OF PARCEL "A" OF "1 D.F. PLAT", AS RECORDED IN PLAT BOOK 87, AT PAGE 15, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
BEGIN AT THE SOUTHWEST CORNER OF SAID PARCEL "A" OF "1 D.F. PLAT", THENCE RUN ON AN ASSUMED BEARING OF DUE WEST FOR A DISTANCE OF 5.00 FEET TO THE SOUTHEAST CORNER OF THE AFOREMENTIONED 25 FOOT WIDE STRIP OF LAND, THENCE S00°13'00"W ALONG THE EAST LINE OF SAID 25 FOOT WIDE STRIP OF LAND FOR A DISTANCE OF 1200.35 FEET TO A POINT ON THE WESTLY EXTENSION OF THE NORTH LINE OF SAID PARCEL "A" OF SAID "1 D.F. PLAT", THENCE S00°57'00"E ALONG SAID WESTLY EXTENSION FOR A DISTANCE OF 30.35 FEET TO A POINT OF CURVE OF A CIRCULAR CURVE CURVING TO THE SOUTHEAST AND WHOSE CENTER BEARS S00°07'00"W FOR 25.00 FEET, THENCE WESTERLY AND SOUTHERLY ALONG SAID 25.00 FOOT WIDE STRIP THROUGH A CENTRAL ANGLE OF 90°20'00" FOR AN ARC DISTANCE 39.42 FEET TO A POINT OF TANGENCY, THENCE S01°13'00"E ALONG THE WEST LINE OF SAID PARCEL "A" OF "1 D.F. PLAT" FOR A DISTANCE OF 1265.20 FEET TO THE SOUTHWEST CORNER OF SAID PARCEL "A" OF "1 D.F. PLAT" AND THE POINT OF BEGINNING

AND TOGETHER WITH

A PORTION OF A 30.00 FOOT ROADWAY EASEMENT PER OFFICIAL RECORD BOOK 5612, AT PAGE 279, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
COMMENCE AT THE SOUTHWEST CORNER OF THE AFOREMENTIONED PARCEL "A" OF "1 D.F. PLAT", THENCE ON AN ASSUMED BEARING OF N00°53'00"W ALONG THE WEST LINE OF SAID PARCEL "A" OF "1 D.F. PLAT" FOR A DISTANCE OF 55.00 FEET TO THE POINT OF BEGINNING OF THE HEREINAFTER DESCRIBED ROADWAY EASEMENT, THENCE DUE WEST FOR A DISTANCE OF 5.00 FEET TO A POINT ON THE EAST LINE OF THE AFOREMENTIONED 25 FOOT STRIP OF LAND PER OFFICIAL RECORD BOOK 608, AT PAGE 237, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, THENCE N00°13'00"W ALONG SAID 25 FOOT STRIP OF LAND FOR A DISTANCE OF 20.00 FEET, THENCE DUE EAST FOR A DISTANCE OF 5.00 FEET TO A POINT ON THE WEST LINE OF PARCEL "A" OF "1 D.F. PLAT", THENCE S00°13'00"E ALONG THE WEST LINE OF SAID PARCEL "A" OF "1 D.F. PLAT" FOR A DISTANCE OF 16.00 FEET TO THE POINT OF BEGINNING

SAID LANDS CONTAINING 11.567 SQUARE FEET OR 0.264 ACRES, MORE OR LESS

## **LEGEND:**

CONC. DENOTES CONCRETE  
C.B.S. DENOTES CONC. BLOCK STRUCTURE  
D.C.R. DENOTES DADE COUNTY RECORDS  
B.C.R. DENOTES BROWARD COUNTY RECORDS  
R DENOTES RADIUS  
Δ DENOTES DELTA ANGLE  
A DENOTES ARC DISTANCE  
C DENOTES CENTER LINE  
ESMT DENOTES EASEMENT  
L.S. DENOTES LAND SURVEY BUSINESS  
R.W. DENOTES RIGHT-OF-WAY  
P.O.C. DENOTES POINT OF COMMENCEMENT  
P.O.B. DENOTES POINT OF BEGINNING  
O.R.B. DENOTES OFFICIAL RECORD BOOK  
PG DENOTES PAGE  
TWP DENOTES TOWNSHIP  
RSE DENOTES RANGE

## **SURVEYOR'S NOTES:**

1. REPRODUCTIONS OF THIS SKETCH ARE NOT VALID UNLESS SIGNED WITH AN EMBOSSED SURVEYOR'S SEAL
2. LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR RIGHTS-OF-WAY, EASEMENTS, OWNERSHIP, OR OTHER INSTRUMENTS OF RECORD
3. BEARINGS SHOWN HEREON ARE BASED ON AN ASSUMED BEARING OF DUE EAST ALONG THE SOUTH LINE OF PARCEL "A" OF "1 D.F. PLAT" (PH 87, PG 15, BCR)

## **CERTIFICATION:**

I HEREBY CERTIFY THAT THIS SKETCH IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SKETCH MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPLERS IN CHAPTER 81017-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.021, FLORIDA STATUTES.

*Ray C. Evans*  
RAY C. EVANS  
PROFESSIONAL SURVEYOR, MEMBER  
FLORIDA REGISTERED PROFESSIONAL SURVEYORS

## **SKETCH OF DESCRIPTION**

PREPARED FOR: U-PULL-IT

SW 46th AVENUE - (BURRIS ROAD)

SECTION 25, TWP 50 S, RGE 41 E

TOWN OF DAVIE, BROWARD COUNTY, FLORIDA

## **REVISIONS**

01-24-00 SKETCH OF DESCRIPTION

SCALE: 1" = 60'

DATE: 01-24-00

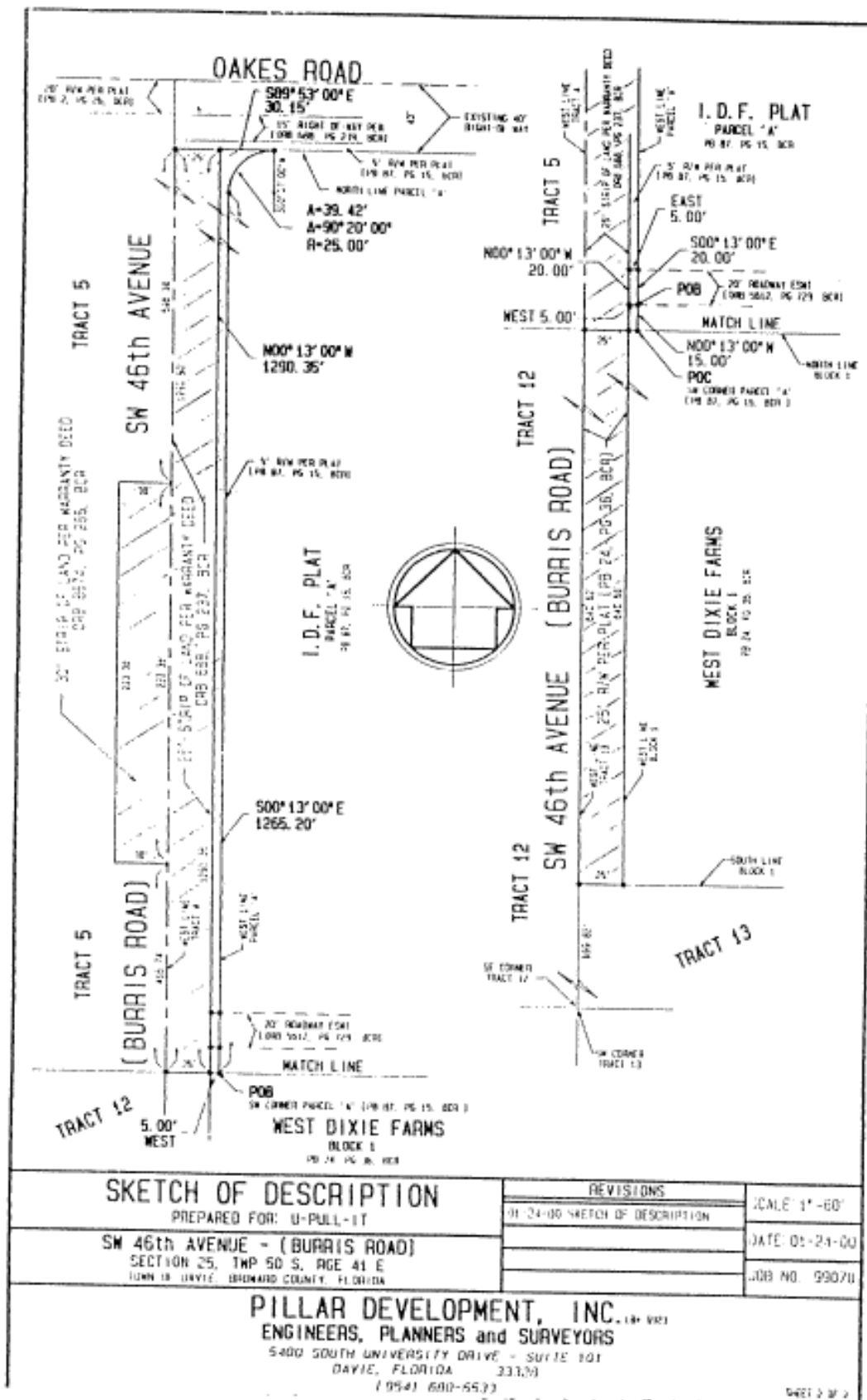
JOB NO. 99070

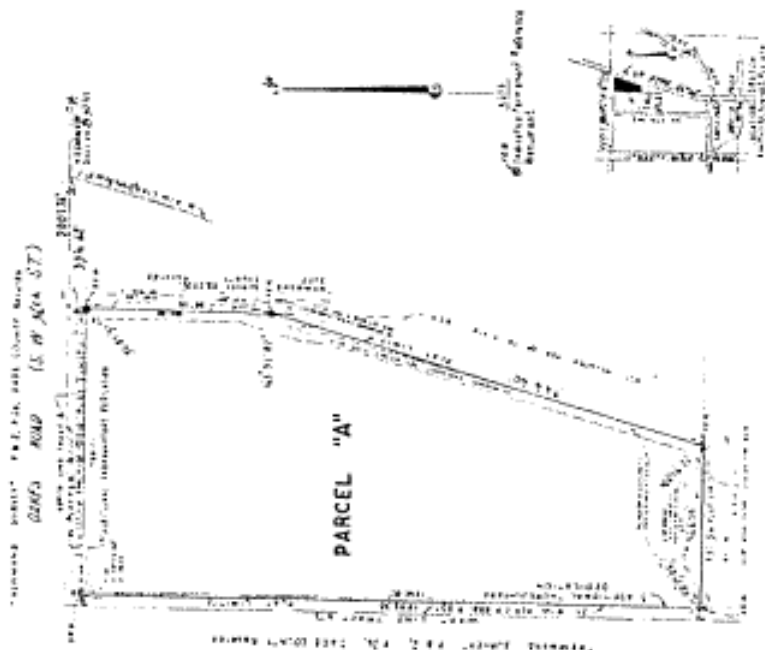
**PILLAR DEVELOPMENT, INC.**  
ENGINEERS, PLANNERS and SURVEYORS

3400 SOUTH UNIVERSITY DRIVE - SUITE 101  
DAVIE, FLORIDA 33228

TEL: 954-610-8533







## "I.D.F. PLAT"

SECTION 25, TOWNSHIP 50S, RANGE 24 E.  
BROWARD COUNTY, FLORIDA

**Figure 1**

Flowchart illustrating the selection process for the study.

The flowchart shows the following steps:

- Initial sample size: 1000
- Exclusion criteria:
  - Not meeting inclusion criteria: 100
  - Duplicate records: 50
- Final sample size: 850

$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}$

### DESCRIPTION

Tract 7, 1858 Highway and Land 7, the West 1/2 and the North 1/2 for County Road 60 and less than that described in Official Record Book 19, Page 43, of the Public Records of Broward County, Florida, as recorded in P.L.A.T. # 99, 1992, and as shown on the map of the Broward County Department of Planning and Community Development, titled "BROWARD COUNTY DEPARTMENT OF PLANNING AND COMMUNITY DEVELOPMENT'S SURVEY OF SEVEN 30-TOWNSHIP 30 SOUTH, RANGE 30 WEST, AS RECORDED IN PLAT BOOK 2, PLAT PAGE 2, OF THE PUBLIC RECORDS OF DADE COUNTY, FLORIDA."

## DEDICATION

THE KNOW ALL MEN BY THESE PRESENTS, That INDEPENDENT DAIRY FARMERS ASSOCIATION, Owner of the lands described and shown as included in this Plan, has caused said lands to be subdivided and platted as herein shown, said Plat to be known as "T.O.F. PLAT".

set our hands and affixed our seal in the City of Baltimore, County of Prince  
State of Texas this 12 day of June 1978

WITNESSES  
OFFICER [Signature] TATLER & L. PERSLEY  
OFFICER [Signature] TATLER & L. PERSLEY  
**INDEPENDENT DAIRY FARMERS ASSOCIATION**

[illegible]

DEDICATION BY MORTGAGE HOLDER

COLUMBIA BANK FOR COOPERATIVES, owner and holder of a Mortgage on this Property  
 recorded in OR. BOOK \_\_\_\_\_ PAGE \_\_\_\_\_ Broward County National, deed of sale, in the  
 said application shown herein. Columbia Bank for Cooperatives  
 \_\_\_\_\_ WRITING OF \_\_\_\_\_

WUTWILLER  
WUTWILLER

ALCANTARA

## ACKNOWLEDGEMENT

DATE OF \_\_\_\_\_  
COUNTY OF \_\_\_\_\_  
IN WITNESS WHEREOF, I have hereunto set my hand and the seal of said County, this \_\_\_\_\_ day of \_\_\_\_\_, 1973.

A Certificate for the \_\_\_\_\_ of \_\_\_\_\_  
 BROWARD COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT  
 The City of Broward County, Florida, is hereby certifying that the \_\_\_\_\_  
 of \_\_\_\_\_, 1955

**BROWARD COUNTY PLANNING COUNCIL**

*C.B.'s* place in the "You Don't Know How Good You Are" story by *The New York Times*, 1976.

**BROWARD COUNTY DEPARTMENT OF TRANSPORTATION**

FORWARD COUNTY DEPARTMENT OF FINANCE-DIVISION OF COMPTROLLER

**HONORABLE COUNTY DEPARTMENT OF FINANCE-DIVISION OF COMPLAINTS**

Approved by the Board of Supervisors on the 27th day of June, 1931.  
 Approved by the County Commissioners of Norman County, Oklahoma, this 27th day of June, 1931.  
 By \_\_\_\_\_, County Administrator.

[illegible]

STATE OF FLORIDA }  
COUNTY OF \_\_\_\_\_ }  
SURVEYOR'S CERTIFICATE

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED  
DATE 01/21/2004 BY 60322 UCBAW

and representation, that the Survey Data shown, comply with the applicable requirements of Chapter 177, Florida Statute, A.D. 1971, and further that the Plaintiff's Exhibit Accounts were not in accordance with Section 177.09 of said Chapter 177.

1. What is the main purpose of the passage?  
 a. To describe the author's childhood.  
 b. To explain the importance of education.  
 c. To discuss the challenges of growing up.  
 d. To share a personal experience.

Q. Now, the first question is, did you know that the defendant was a member of the Communist Party?

a DISMEMBERMENT OF A PORTION OF TRACT IS IN SECTION 89, Township  
30 North, Range 41 East of The "Gompa or Indian Land Survey" (S-16-17-18)  
City of MAGUIREVILLE, Ramsey County, MINNESOTA.

**MINNEAPOLIS COUNTY PLANNING COUNCIL**  
1000 W. WASHINGTON ST., SUITE 200, MINNEAPOLIS, MN 55401  
TEL: 612-338-1111 FAX: 612-338-1112 WWW: WWW.MNPLANNINGCOUNCIL.ORG

EDWARD COUNTY CANINE SERVICES DEPARTMENT  
 1000 S. 10TH ST. SUITE 100  
 CHICAGO, IL 60605  
 TEL: 312.463.1000  
 FAX: 312.463.1001  
 WWW.EDWARDCOUNTYCANINE.COM

[illegible]

**RECOVERING DIVISION**  
 and recovering from a fall. The following information is for the use of the Division of the Department of the Interior, Bureau of Land Management, and the Bureau of Reclamation, and is not to be used for any other purpose.

BOGARDUS COUNTY ENGINEERING DIVISION

CENTRAL GOVERNED POLICY

$$\frac{d}{dt} \left( \frac{1}{\sqrt{1-v^2/c^2}} \right) = \frac{v}{c^2} \frac{dv}{dt}$$

1. Reas. Leland - St. Louis, Mo.

DECLARATION BY MESSENGER NO. 68

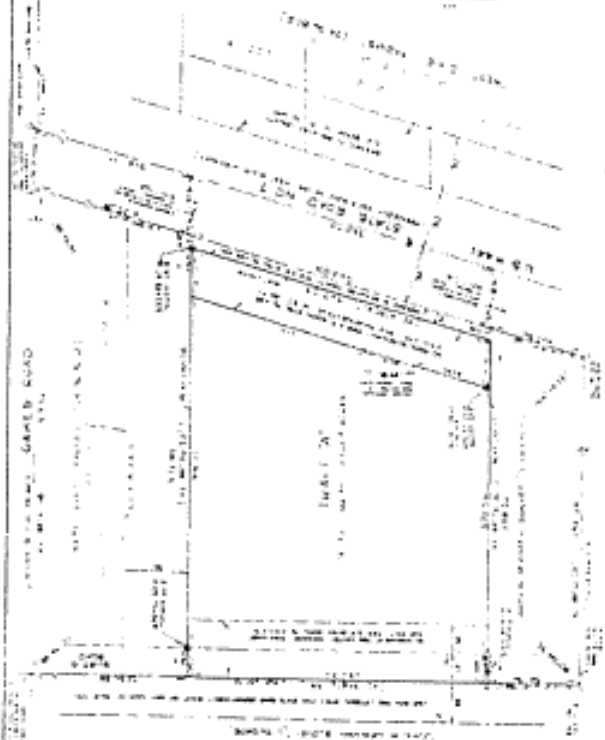
1984, doi: 10.1017/S0007122684000010

By order of the Court, *John P. McGowan*, Clerk.

1. The first step in the process of creating a new product is to identify a market need. This can be done through market research, which involves gathering information about the target market and its needs. Once a market need has been identified, the next step is to develop a concept for a new product that addresses this need. This concept should be based on the market research and should be designed to meet the needs of the target market. The concept should also be feasible, meaning that it can be developed and marketed within the available resources. Once a concept has been developed, the next step is to create a prototype of the product. This can be done through a variety of methods, including 3D printing, computer-aided design (CAD), and traditional manufacturing techniques. The prototype should be used to test the product and to gather feedback from potential customers. Once the product has been tested and feedback has been gathered, the next step is to develop a business plan for the product. This plan should outline the marketing strategy, the production process, and the financial projections for the product. Once a business plan has been developed, the final step in the process is to launch the product into the market. This can be done through a variety of methods, including direct sales, retail partnerships, and online sales. The product should be marketed effectively to reach the target market and to generate sales.

*Charles C. Moore*

Prepared by  
R D LEON ASSOCIATES, INC.  
LAND SURVEYORS  
8110 MADISON BOULEVARD  
PLANTATION, FLORIDA 33064



**LOCATION MAP**  
SECTION 15, T. 80 S., R. 41 E.

27011 *ms.A.1.6 fol.60v recto* 1401 ff.

[illegible]

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Lichtenthaler and Whistler (1973). The total chlorophyll content was determined by the method of Arar and Cook (1980). The carotenoid content was determined by the method of Lichtenthaler and Whistler (1973). The total carotenoid content was determined by the method of Lichtenthaler and Whistler (1973). The total carotenoid content was determined by the method of Lichtenthaler and Whistler (1973).

5/10/1964 N. C. 2101 (1416)

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

*Robert L. ...*





